

ENGLISH LANGUAGE DECLARATION CONTINUED

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Attorney Docket No. RAL9-99-0062/4269-74

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR
GENERATING A DIGITAL IMPAIRMENT LEARNING SIGNAL HAVING
LOW ENERGY CONTENT AT DIRECT CURRENT AND NYQUIST
FREQUENCIES**

the specification of which

[X] is attached hereto

OR

[] was filed on as United States Application No. or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

None			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed

RAL9-99-0062

ENGLISH LANGUAGE DECLARATION CONTINUED

			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

None	
Application Number(s)	Filing Date (MM/DD/YYYY)
Application Number(s)	Filing Date (MM/DD/YYYY)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application (37 C.F.R. § 1.63(d)).

None		
Appln. Serial No.	Filing Date	Status Patented/Pending/Abandoned
Appln. Serial No.	Filing Date	Status Patented/Pending/Abandoned
Appln. Serial No.	Filing Date	Status Patented/Pending/Abandoned

ENGLISH LANGUAGE DECLARATION CONTINUED

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ENGLISH LANGUAGE DECLARATION CONTINUED

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following registered attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Joscelyn G. Cockburn
Registration No. 27,069

John D. Flynn
Registration No. 35,137

John E. Hoel
Registration No. 26,279

Christopher A. Hughes
Registration No. 26,914

Daniel E. McConnell
Registration No. 20,360

Edward A. Pennington
Registration No. 32,588

Joseph C. Redmond, Jr.
Registration No. 18,753

Horace St. Julian
Registration No. 30,329

Gerald R. Woods
Registration No. 24,144

Mitchell S. Bigel
Registration No. 29,615

Robert W. Glatz
Registration No. 36,811

D. Scott Moore
Registration No. 42,011

Timothy J. O'Sullivan
Registration No. 35,632

Send correspondence to:

John D. Flynn
IBM Corp., IP Law
Department 972/Building 656
Post Office Box 12195
Research Triangle Park, NC 27709

Direct telephone calls to:

John D. Flynn
(919) 543-4710

Facsimile:

(919) 543-3634

Full name of firstinventor: Ajay Dholakia

Inventor's
Signature:

Ajay Dholakia

Date: 10/28/99

Residence: Gattikon, Switzerland

Citizenship: India

Post Office Address: Obstgartenstrasse 16
Gattikon CH 8136, Switzerland

ENGLISH LANGUAGE DECLARATION CONTINUED

Full name of second inventor:**Fredy D. Neeser**

Inventor's

Signature: Fredy D. Neeser Date: 10/28/99

Residence: Langnau, Switzerland

Citizenship: Switzerland

Post Office Address: Unterruetistrasse 33
Langnau CH 8135, Switzerland